YAKIMOV, P.P.

Method of determining permeability in cores of fissured rocks. (MIRA 11:12)
Trudy VNIGRI no.123:239-242 '58.
(Petroleum engineering)

YEKIMOV, P.P.

Retrograde condensation phenomena in regions of Siberia, Kamchatka, and Sakhalin. Trudy VNIGRI no.155:295-298 '60. (MIRA 14:1)
(Petroleum geology)

BARANOVSKIY, V.V.; YEKIMOV, V.A.

Studying the flow of materials in a rotary sintering kiln for alumina production. TSvet. met. 35 no.6:59-63 Je '62. (MIRA 15:6)
(Kilns, Rotary) (Sintering)

L 21393-66 EWT(1)/EWA(h) JW

ACC NR: AT6008784 SOURCE CODE: UR/2657/65/000/014/0051/0071

AUTHOR: Alfeyev, V. N.; Yekimov, V. D.

ORG: none

TITLE: Problems in the design of cooled uhf mixers

SOURCE: Poluprovodnikovyye pribory i ikh primeneniye; sbornik statey, no. 14, 1965, 51-71

TOPIC TAGS: mixer, uhf mixer, mixer tube, cryogenic circuit, semiconductor diode, semiconductor research

ABSTRACT: The possibility of designing low-noise uhf mixers utilizing the low-temperature properties of semiconductors is discussed. A theoretical analysis was made of the relationship between the basic parameters of cooled mixers and the volt-ampere characteristics of diodes. The effect of low temperatures on both the parameters of mixer diodes and the mixers themselves was investigated experimentally on a stand capable of maintaining diode temperatures from room temperature (300K) to the temperature of liquid nitrogen (77K). On the basis of the results obtained, the following conclusions are made: 1) Cooled mixers based on semiconductor diodes can be used as successive stages in supersensitive receiving systems with quantum mechanical and cooled parametric amplifiers at the input. 2) The cooling of mixers utilizing D403V and D405V diodes reduces the noise factor to 0.6—3 db. 3) In

Card 1/2 UDC: 621.396.622.23

L 21393-66

ACC NR: AT6008784

designing cooled mixers with a noise factor not worse than 5 db, diodes should be used with a transconductance increasing with a drop in temperature (e.g., germanium diodes) or with a high transconductance at very low temperatures (e.g., InSb diodes). Orig. art. has: 15 figures and 1 table. [JR]

SUB CODE: 09/ SUBM DATE: none/ ORIG REF: 003/ OTH REF: 005/ ATD PRESS: 4221

Card 2/2 ULR

NOSOV, V.A., kand.tekhn.nauk; BARASHKOV, S.K.; GOLOTA, P.A.; YEKIMOV, V.K.

Selective measurement of alkali concentration in multiple component solutions of aluminum production. Avtom.i prib. no.3:58-60 Jl-S '62. (MIRA 16:2)

1. Institut avtomatiki Gosplana UkrSSR.
(Alkalies)
(Aluminum industry)

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001962520009-7"

YEKIMOV, V.V., inzh.

Testing ZhR-4S radio stations. Avtom., telem. i sviaz' 2 no.6: 18-20 Je '58. (MIRA 11:6)
(Railroads--Electronic equipment--Testing)

YEKIMOV, V. V.

Yekimov, V. V. "On the greatest buckling moments during static raising of ships in water," Trudy Vses. nauch. inzh.-tekhn. o-va sudostroyeniya, Vol. V, Issue 4, 1948, pp. 87-96

SO: U-3264, 10 April 53 (Letopis 'Zhurnal 'nykh Statey, No. 4, 1949).

SOV/124-58-8-9243 D

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 8, p 130 (USSR)

AUTHOR: Yekimov, V.V.

TITLE: Problems of the External Forces to be Considered in the Stress Analysis of a Ship (Problemy vneshnikh sil v raschetakh prochnosti korablya)

ABSTRACT: Bibliographic entry on the author's dissertation for the degree of Doctor of Technical Sciences, presented to the Voyen.-morsk. akad. korablestr. i vooruzh. (Naval Ship-building and Armament Academy), Leningrad, 1957

ASSOCIATION: Voyen.-morsk. akad. korablestr. i vooruzh. (Naval Ship-building and Armament Academy), Leningrad

Card 1/1

SOV/124-58-11-13280

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 11, p 198 (USSR)

AUTHOR: Yekimov, V. V.

TITLE: Application of the Methods of the Theory of Probability to Over-all Strength Problems of Ships (Prilozheniye metodov teorii veroyatnostey k problemam obshchey prochnosti korablya)

PERIODICAL: Tr. nauchno-tekhn. o-va sudostroit. prom-sti, 1957, Vol 7, Nr 2, pp 237-259

ABSTRACT: A critique of extant methods of the calculation of ships. The author proposes the utilization of the probability approach to the development of new methods for the assessment of the strength and the static determination of the variability of the loading and the properties of materials. The author analyzes the construction of distribution curves of bending, wave, and impact moments and also their interpretation. The problem of the determination of the safety factor is studied, and the problem of the change-over in naval engineering to stress analysis with reference to limit states, which are accepted in structural design analysis, is advanced.

Card 1/1

I. K. Snitko

KOZLYAKOV, Vitaliy Vasil'yevich; KOROTKIN, Yakov Isayevich; KURDYUMOV, Aleksandr Aleksandrovich; LOKSHIN, Aleksandr Zinov'yevich; POSTNOV, Valeriy Aleksandrovich; SIVERS, Nikolay L'vovich; YEKIMOV, V.V., doktor tekhn. nauk, prof., retsenzent; SEGAL', V.F., doktor tekhn. nauk, prof., retsenzent; SMOLEV, B.V., red.; ERASTOVA, N.V., tekhn. red.

[Book of problems on the structural mechanics of ships] Zadachnik po stroitel'noi mekhanike korablia. [By] V.V. Kozliakov i dr. Leningrad, Sudpromgiz , 1962. 254 p. (MIRA 15:6)
(Naval architecture--Problems, exercises, etc.)

PAPKOVICH, Petr Fedorovich; KOTSYUBIN, O.A.; YEKIMOV, V.V., prof., doktor tekhn. nauk, red.; SLEPOV, B.I., nauchnyy red.; SHAURAK, Ye.N., red.; KONTOROVICH, A.I., tekhn. red.; KRYAKOVA, D.M., tekhn. red.

[Works on the structural mechanics of a ship; in four volumes] Trudy po stroitel'noi mekhanike korablia; v 4 tomakh. Pod obshchei red. V.V.Ekimova. Leningrad, Sudpromgiz. Vol.3.[Compound flexure of rods and the flexure of plates]Slozhnyi izgib sterzhnei i izgib plastin. 1962. 526 p. (MIRA 15:10)
(Hulls (Naval architecture)) (Flexure)

PAPKOVICH, Petr Fedorovich; KOTSYUBIN, O.A.; YEKIMOV, V.V., doktor tekhn. nauk, prof., red.; TSYNDRYA, I.T. nauchnyy redaktor; SHAURAK, Ye.N., red.; KONTOROVICH, A.I., tekhn. red.; KOROVENKO, Yu.N., tekhn. red.

[Works on the structural mechanics of a ship] Trudy po stroitel'noi mekhanike korablia. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl. Vol.1.[Flexure of beams and rectilinear frames] Izgib balok i priamolineinykh ram. Pod obshchei red. V.V.Ekimova. 1962. 575 p. (MIRA 15:3)
(Shipbuilding) (Structures, Theory of)

PAPKOVICH, Petr Fedorovich; YEKIMOV, V.V., prof., doktor tekhn. nauk, red.; SLEPOV, B.I.; KOTSYUBIN, O.A., nauchnyy red.; SHAURAK, Ye.N., red.; ERASTOVA, N.V., tekhn.red.

[Works on the structural mechanics of a ship in four volumes] Trudy po stroitel'noi mekhanike korablia v 4 tomakh. Pod obshchei red. V.V. Ekimova. Leningrad, Sudpromgiz. Vol.2. [Flexure of curvilinear frames and span covers] Izgib krivolineinykh ram i perekrytii. 1962. 639 p. (MIRA 15:7)
(Hulls (Naval architecture))

PAPKOVICH, Petr Fedorovich; SLEPOV, B.I.; YEKIMOV, V.V., prof., doktor tekhn. nauk, red.; TSYNDRYA, I.I., nauchnyy red.; SHAURAK, Ye.N., red.; KRYAKOVA, D.M., tekhn. red.

[Transactions on the structural mechanics of ships in 4 volumes] Trudy po stroitel'noi mekhanike korablia v 4 tomakh. Pod obshchei red. V.V.Ekimova. Leningrad, Sudpromgiz. Vol.4.[Strength of rods, span covers, and plates] Ustoichivost' sterzhnei, perekrytii i plastin. 1963. 550 p. (MIRA 16:6)
(Shipbuilding materials--Elastic properties)
(Naval architecture)

Yekimov, V.V.

PAPKOVICH, Petr Fedorovich; SLEPOV, B.I.; YEKIMOV, V.V., prof., doktor tekhn. nauk, red.; TSYNDRYA, I.I., nauchnyy red.; SHAURAK, Ye.N., red.; KRYAKOVA, D.M., tekhn. red.

[Transactions on the structural mechanics of ships in 4 volumes] Trudy po stroitel'noi mekhanike korablia v 4 tomakh. Pod obshchei red. V.V.Ekimova. Leningrad, Sudprom giz. Vol.4.[Strength of rods, span covers, and plates] Ustoichivost' sterzhnei, perekrytii i plastin. 1963, 550 p. (MIRA 16:6)
(Shipbuilding materials—Elastic properties)
(Naval architecture)

LOKSHIN, Aleksandr Zinov'yevich; SMIRNOVA, M.K., kand. tekhn. nauk, retsenzent; YEKIMOV, V.V., prof., doktor tekhn. nauk, retsenzent; TSYNDRYA, I.I., kand. tekhn. nauk, retsenzent; SIVERS, N.L., nauchn. red.; KLIORINA, T.A., red.

[Strength of ship plates and span coverings made of glass-reinforced plastics] Ustoichivost' sudovykh plastin i perekrytii iz stekloplastikov. Leningrad, Sudostroenie, 1964. 90 p. (MIRA 17:11)

KOROTKIN, Yakov Isayevich; BELKIN, V.P., doktor tekhn. nauk, retsenzent; YEKIMOV, V.V., doktor tekhn. nauk, retsenzent; ROSTOVTSEV, D.M., kand. tekhn. nauk, otv. red.; OSVENSKAYA, A.A., red.

[Problems of the strength of seagoing transport vessels] Voprosy prochnosti morskikh transportnykh sudov. Leningrad, Sudostroenie, 1965. 387 p. (MIRA 18:10)

L 08517-67 EWT(m)/EWP(w) IJP(c) EM

ACC NR: AM6017276 Monograph UR/ 26 24 B+1

YEkimov, Vasiliy Vladimirovich

Probability methods in the structural mechanics of vessels (Veroyatnostnyye metody v stroitel'noy mekhanike korablya) Leningrad, Izd-vo "Sudostroyeniye", 66. 0326 p. illus., biblio. 2,200 copies printed.

TOPIC TAGS: shipbuilding engineering, probability, random process, structure stability, bending strength

PURPOSE AND COVERAGE: This book deals with the use of probability methods in ship construction mechanics. Special attention is given to the problem of random processes which determine the stability of the ship's hull, such as the problem of external forces. Also, the probability method of calculating the stability of ships is given. This book is recommended for construction engineers and can be useful to specialists in ship stability as well as to students in advanced courses in ship construction institutes.

TABLE OF CONTENTS (abridged):

Card 1/2 UDC:629.12:624.02/.09

L 08517-67

ACC NR: AM6017276 2

Ch. II. Random processes in ship construction mechanics--76
Ch. III. The problem of wave external forces with overall bending of the ship's hull --148
Ch. IV. Calculating the stability with overall bending of the ship's hull-210
Ch. V. Some special problems of the stability of hulls of ships--269
Bibliography--325

SUB CODE: 13 / SUBM DATE: 25Jan66/ ORIG REF: 056/ OTH REF: 005

Card 2/2 nfs

L 25464-66 EWP(k)/EWT(d)/EWT(m)/T/EWP(l)/EWP(v)/EWP(t)/EWP(h) IJP(c) JD/HM

ACC NR: AP6011214 SOURCE CODE: UR/0413/66/000/006/0052/0052

48
B

INVENTOR: Kuz'min, G. M.; Yekimov, V. V.; Bochkov, V. S.

ORG: none

TITLE: A device for capacitor resistance welding. Class 21, No. 179854

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 6, 1966, 52

TOPIC TAGS: silicon controlled rectifier, resistance welding, welding equipment

ABSTRACT: This Author's Certificate introduces a device for capacitor resistance welding. The unit contains a welding transformer, capacitor bank, charging transformer, control circuit supply transformer, rectifiers, overload diodes and master switch. Operating reliability and welding quality are improved by using silicon controlled rectifiers connected in circuits for charging and discharging the capacitor bank.

SUB CODE: 09, 13/ SUBM DATE: 21Oct64

Welding machine

UDC: 621.791.762.1.037

Card 1/1

L 3773-66 EWT(m) DIAAP GS

ACCESSION NR: AT5007950 S/0000/64/000/000/0791/0794

37
38
B+1

AUTHOR: Davydov, M. S.; Dorfman, L. G.; Yekimov, V. V.; Zalmanzon, V. B.; Zeytlenok, G. A.; Lovin, V. N.; Malyshev, I. F.; Petelin, I. G.; Petrunin, V. I.; Popov, V. A.; Trushin, N. Kh.; Umanskiy, I. G.; Finkel'shteyn, I. I.

TITLE: Deflecting system of 5-Gev antiproton channel 19

SOURCE: International Conference on High Energy Accelerators. Dubna, 1963. Trudy. Moscow, Atomizdat, 1964, 791-794

TOPIC TAGS: antiproton, high energy particle, particle beam, high energy accelerator

ABSTRACT: Specific requirements flowing from the applied principle of particle resolution have determined the choice of the type of deflecting system. During development of the device the requirements were also considered from the viewpoint of the high-frequency power supply system. The creation of a high-power 150-megahertz frequency generator that operates with pulses of several milliseconds duration is a technically complex task. Therefore, special attention was given during the development of the deflecting system to its economy and efficiency. Taking these considerations into account, computations were carried out of a number of

Card 1/3

L 3773-66

ACCESSION NR: AT5007950

alternate deflecting systems--in the form of a waveguide or band line operating in the energy recuperation regime, or in the form of a system of many-cavity or single-cavity volume resonators. As shown by the computations, it is most expedient to make the deflecting system in the form of a set of independently phased resonators of the quasitoroidal type, which operate in the fundamental mode of the electric oscillations, with the use of high-frequency electrical field for deflecting the particles. The report discusses the resonators employed in the deflecting system and their arrangement in the system. The chosen resonator form permits one to obtain a specific homogeneity of the deflecting field in the cross section of a beam by selection of suitable dimensions. The report discusses the characteristics of the developed system. The linear dimensions of the apertures in the resonators for channeling the beam are commensurable with the operating wavelength, which fact leads to the radiation of electromagnetic energy and to the appearance of a strong bond among the resonators. In order to eliminate this phenomenon and preserve complete transparency of the channel for the beam of deflected particles among the resonators, the waveguide segments are provided with limiting wavelength much lower than the operating one, and feedback is introduced in the magnetic field. As shown by investigations, the bond among the resonators is almost completely eliminated. Considerable attention was paid to the electric transparency of the resona-

Card 2/3

L 3773-66
ACCESSION NR: AT5007950

tors. The field strength in the resonator gaps which corresponds to a given magnitude of the deflecting pulse was determined on the basis of the field pictures that were taken in an electrolytic tank. Corrections were made for the variation in the high-frequency field during the particles' flight time through a resonator and for the difference between the static and high-frequency pictures of the field in a gap. Measures were also taken to eliminate in the resonators the secondary electron resonance discharge. Orig. art. has: 2 figures.

ASSOCIATION: Nauchno-issledovatel'skiy institut elektrofizicheskoy apparatury imeni D. V. Yefremova GKAE SSSR (Scientific-Research Institute of Electrophysical Equipment, GKAE SSSR)

SUBMITTED: 26May64 ENCL: 00 SUB CODE: NP

NO REF SOV: 000 OTHER: 000

EC

Card 3/3

UNCHUR, Ye.S., kand. med.nauk; YEKIMOVA, A.L., kand. med. nauk; MININA, R.M., prof.; KRIUKOVSKAYA, B., red.; STEPANOVA, N., tekhn. red.

[Congenital dislocation of the hip and its treatment] Vrozhdennyi vyvikh bedra i ego lechenie. Minsk, Gosizdat BSSR, 1963. 118 p. (MIRA 16:12)
(HIP JOINT—DISLOCATION)

YEKIMOVA A.L., kand. med. nauk

Lesions of the menisci of the knee joint. Zdrav. Bel. 9 no.6:69-71 Je '63. (MIRA 17:5)

1. Iz Minskogo nauchno-issledovatel'skogo instituta travmatologii i ortopedii (direktor - prof. R.M. Minina).

YEKIMOVA, I. V.

Materials on the parasites of fishes of the Pechora River. Vop. ikht. 2 no.3:542-546 '62. (MIRA 15:10)

1. Komi filial AN SSSR, Syktyvkar.

(Pechora River—Parasites—Fishes)

L 11423-67 EWT(1) IJP(c) GG
ACC NR: AP6031274 SOURCE CODE: UR/0057/66/036/009/1703/1705

AUTHOR: Yekimova, N. P.; Myazdrikov, O. A.; Nikolayev, O. S. 44

ORG: Leningrad Institute of Aviation Instrument Design (Leningradskiy institut aviatsionnogo priborostroyeniya)

TITLE: Mechanical excitation of a suspension of phosphors in a solid dielectric and the theory of impact

SOURCE: Zhurnal tekhnicheskoy fiziki, v. 36, no. 9, 1966, 1703-1705

TOPIC TAGS: triboluminescence, impact stress, elastic deformation, elastic modulus

ABSTRACT: Two of the present authors and collaborators (ZhTF, 35, No 7, 1319-1320, 1965) have previously dropped solid spheres onto a dielectric slab containing suspended phosphorescent material and noted that the intensity of the resulting flash is proportional to the kinetic energy of the sphere at the moment of impact. In the present paper the authors employ the theory of impact expounded by A. N. Dinnik (Izbrannyye trudy AN UkrSSR, Kiyev, 1952) to calculate the duration of impact and the energy expended in compressing the dielectric slab in terms of the elastic moduli of both materials, the radius and density of the sphere, and the velocity of impact. It is suggested that the ratio of the intensity of the flash to the energy expended in compressing the dielectric slab will provide a better index of the triboluminescence behavior of the suspended phosphor than will the ratio of the flash intensity to the

UDC: 533.378

Card 1/2

L 11423-67
ACC NR: AP6031274 O

total impact energy. When the duration of the impact exceeds that of the afterglow the flash should exhibit two intensity peaks, of which one is excited by the compression of the dielectric slab and the other by its subsequent relaxation. An oscillogram is presented which shows such an intensity curve with two peaks. The 4 to 5 microsecond delay between the two peaks is in good agreement with the calculated duration of the impact. Orig. art. has: 10 formulas and 1 figure.

SUB CODE: 20 SUBM DATE: 29Sep65 ORIG. REF: 002

Card 2/2 bab

YEKIMOVA, R.N.

Study of new organic media for the culturing of Actinomyces. Trudy Inst. mikrobiol. i virus. AN Kazakh. SSR 4:35-40 '61. (MIRA 14:4)
(MICROBIOLOGY—CULTURES AND CULTURE MEDIA)
(ACTINOMYCES)

KARPOV, M.S.; YEKIMOVA, R.N.

Improvement of silage starters (preparation and application of dry silage starters. Trudy Inst. mikrobiol. i virus. AM Kazakh. SSR 7:27-32 '63 (MIRA 16:12)

ALEKSANDROV, P.N.; YEKIMOVSKIY, A.P.

Experimental studies on the effect of penicillin and oxytetracycline on the mitotic activity. Pat. fziol. i eksp. terap. 8 no.4: 67-68 Jl-Ag '64. (MIRA 18:2)

1. Otdel khimioterapii (zav.- prof. A.M. Chernukh) Instituta farmakologii i khimioterapii (dir.- deystvitel'nyy chlen AMN SSSR prof. V.V. Zakusov) AMN SSSR, Moskva.

24530

S/147/61/000/002/009/015
E194/E184

26.2120

AUTHORS: Yekin, O.N., and Rozanov, I.G.

TITLE: Design of a low power turbine by means of nomograms

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Aviatsionnaya tekhnika, 1961, No.2, pp. 94-102

TEXT: In turbine design it is often necessary to make a number of laborious calculations on variant designs. This article proposes the use of a nomogram to facilitate the selection of design parameters. The design data usually given are: N_T, the turbine output; π_T, the pressure drop; P^*_0, T^*_0, the total inlet pressure and temperature; and n, the turbine speed. Other design features are sometimes given such as the number and shape of the nozzles, the height of the blades. Two additional graphs are used with the nomogram including that shown in Fig.1, which gives the relationship between the turbine efficiency η_T and the main parameters u/Cad., plotted from a well known equation, with appropriate conditions and limitations. The main diagram, Fig.2, given below is calculated on the following assumptions: the angle of flow in the axial gap $\alpha_1 = 20^o$;

Card 1/8

Design of a low power turbine ....

the velocity coefficient in the nozzle $\varphi = 0.96$; the adiabatic index $k = 1.4$; the gas constant $R = 29.3$ kgm/kg^{o}C. The nomogram has sixteen scales as follows: 1) the pressure drop on the turbine and the associated adiabatic work; 2) the pressure drop on the turbine and the associated referred value of flow density allowing for losses; 3) the peripheral velocity; 4) the efficiency; 5) the referred work done by the turbine; 6) the referred output of the turbine; 7) the gas flow through the turbine; 8) the necessary area of the flow path in the axial gap perpendicular to the turbine axis; 9) the partiality factor ε; 10) the annular area swept by the runner blades in the axial gap; 11) the turbine speed, 12) the mean diameter of the turbine; 13a) the height of the runner blades in the axial gap; 13b) a further expression for the height of runner blades used in determining the stress in the runner blades; 14) a parameter characterising the relative blade height; 15) the tensile stress in the blade root. The method of determining the main parameters is a first approximation because the efficiency value used allows only for the so-called total losses in the blading and when the main dimensions have been determined it is necessary to determine

Card 2/8

Design of a low power turbine by S/147/61/000/002/009/015
E194/E184

the losses in the radial gap and partiality losses, and an approximate method of doing this is suggested. The graph of Fig.3 is used to find the optimum ratio between the height and partiality factor. A numerical worked example of use of the nomogram is given.
There are 1 nomogram, 2 graphs , 1 table and 4 Soviet references.

ASSOCIATION: Kafedra 201, Moskovskiy aviatsionnyy institut
(Department 201, Moscow Aviation Institute)

SUBMITTED: September 23, 1960

Card 3/8

USSR/Physics - Magnetization FD-1603

Card 1/1 : Pub. 129-6/23

Author : Yekina, T. A.

Title : Temperature dependence of magnetization of cobalt in weak magnetic fields

Periodical : Vest. Mosk. un., Ser. fizikomat. i yest. nauk, 9, No 8, 49-52, Dec 1954

Abstract : The author remarks that the possible cause for the observed divergence between theory and experiment may be the incorrectness of the assumption concerning the invariability of the constant C in the familiar equation $I = k_0H + (Ak_0+C) H^2$ of magnetization I by field H, where k_0 is the initial susceptibility and $b=Ak_0+C$ is the parameter of loss, and that actually C varies with temperature. The assumption cannot be fulfilled strictly since the characteristic function is the total magnetic-crystalline energy and energy of the boundaries, and both of these depend upon temperature in various ways. The author presents graphs of the variation of b and k_0 with temperature, and also the dependence between b and k_0. Six references, 5 non-USSR (e.g. Neel, Rayleigh), 1 USSR (S. V. Vonsovskiy and Ya. S. Shur, Ferromagnetizm, 1948).

Institution : Chair of Magnetism

Submitted : June 11, 1954

YEKIBENINA, N. I.

YEKIBENINA, N. I. -- "Changes in Some Indexes of External Respiration in Hypertension" *(Dissertations for Degrees in Science and Engineering Defended at USSR Higher Educational Institutions) Central Inst for the Advanced Training of Physicians, Moscow, 1955.

SO: Knizhnaya Letopis' No. 31, 30 July 1955.

*For the Degree of Candidate in Medical Sciences.

BEYUL, Ye.A.; YEKISENINA, N.I.

Therapeutic effects of a low-salt diet in hypertension [with summary in English] Vop.pit. 16 no.1:23-28 Ja-F '57. (MLRA 10:3)

1. Iz serdechno-sosudistogo otdeleniya (zaveduyushchiy - professor L.B.Berlin [deceased]) Ikiniki lechebnogo pitaniya Instituta pitaniya AMN SSSR, Moskva.

(HYPERTENSION, ther.
low-salt diet (Rus))
(DIETS, in various dis.
low-salt, in hypertension (Rus))

BERLIN, L.B. [deceased], TARNOPOL'SKAYA, P.D., ALIYEVA, V.I., HEYUL, Ye.A. YEKISEHINA, N.I., KORCHEMKINA, K.M., PARAMONOVA, E.G. (Moskva).

Effect of diets with different protein content on the course of hypertension [with summary in English]. Vop.pit. 17 no.5:19-26 S-O '58 (MIRA 11:10)

1. Iz kliniki lechebnogo pitaniya (zav. prof. F.K. Men'shikov) Instituta pitaniya AMN SSSR, Moskva.

(HYPERTENSION, ther.
diet, eff. of protein content (Rus))
(PROTEINS,
dietary, eff. of protein content on hypertension (Rus))
(DIET, in various dis.
hypertension, eff. of protein content (Rus))

30(1) SOV/25-59-9-6/49

AUTHORS: Beyul, Ye.A., Yekisenina, N.I., Paramonova, E.G., Candidates of Medical Sciences

TITLE: Valuable Food Products

PERIODICAL: Nauka i zhizn', 1959, Nr 9, pp 17 - 20 and p 2 of centerfold (USSR)

ABSTRACT: The authors report in detail on fruits and vegetables as being valuable food sources. They underline the importance not only of the presence of all necessary mineral substances in the food but also of their proper ratio. They give well-known instructions for using the different sorts of fruits and vegetables and for preserving the nutritive value and the vitamins in the preparation of food. During the Seven-Year Plan, the yield of fruits and berries will increase by two times and grapes by four times as compared with 1958. The

Card 1/2

requirements of the Soviet population for fruits and vegetables will soon be fully satisfied. There are 5 drawings.

YEGOROV, M.N.; YEKISHENINA, N.I.

Use of fasting therapy of obesity. Vop.pit. 18 no.5:8-11 S-O '59.
(MIRA 13:1)

1. Iz Kliniki lechebnogo pitaniya Instituta pitaniya AMN SSSR, Moskva.
(HUNGER ther.)
(OBESITY ther.)

YEKISENINA, N.I.; TARNOPOL'SKAYA, P.D.

Use of acidophilic milk in combined therapy for patients with chronic colitis. Vop. pit. 19 no. 6:40-44 N-D '60.
(MIRA 13:10)

1. Iz kafedry lechebnogo pitaniya (zav. - prof. F.K. Men'shikov) TSentral'nogo instituta usovershenstvovaniya vrachey i Kliniki lechebnogo pitaniya (zav. - doktor meditsinskikh nauk L.M. Levitskiy) Instituta pitaniya AMN SSSR, Moskva.
(MILK, ACIDOPHILUS) (COLITIS)

YEKISENINA, N.I., kand.med.nauk

How beneficial is stewed fruit? Zdorov'e 8 no.5:31 My '62. (MIRA 15:5)

(COOKERY (FRUIT))

YEKISENINA, N.I., kand.med.nauk

Sensitivity in relation to Streptococcus in chronic colitis and enterocolitis. Sov.med. 26 no.10:114-118 O '62. (MIRA 15:12)

1. Iz kliniki lechebnogo pitaniya (zav. - doktor med.nauk L.M. Levitskiy) Instituta pitaniya (dir. - doktor med.nauk, prof. A.A.Pokrovskiy) AMN SSSR.
(COLITIS) (STREPTOCOCCUS) (ALLERGY)

YEKISENINA, N.I.

Effect of acidophilus milk and some antibiotics on the intensity of the saprogenic processes in the intestines determined from indicanuria data. Kazan. Med. Zhur. no.6:53-54 '62. (MIRA 17:5)

1. Kafedra lechebnogo pitaniya TSentral'nogo instituta usovershenstvovaniya vrachey (zav. - prof. F.K. Man'shikov).

YEKISENINA N.I.; MYAGKOVA, L.P.; MIRER, M.L.

Effect of vitamin C on the immunobiological reactivity of the body in chronic colitis and enterocolitis. Vop. pit. 23 no.1: 26-30 Ja-F '64. (MIRA 17:8)

1. Iz kliniki lechebnogo pitaniya (zav. - doktor med. nauk I.S. Savoshchenko) Instituta pitaniya AMN SSSR, Moskva.

YEKISENINA, N.I.; MYGKOVA, L.P.; GINDINA, N.I.; SATAROVA, A.G.; TSERENNADMID, Ch.; SVETOVIDOVA, V.M.; POLYANICHKO, M.F.; TANKOV, P.I. (Sochi); BELOSLYUD, Ye.G.; SVERSHKOV, A.N.

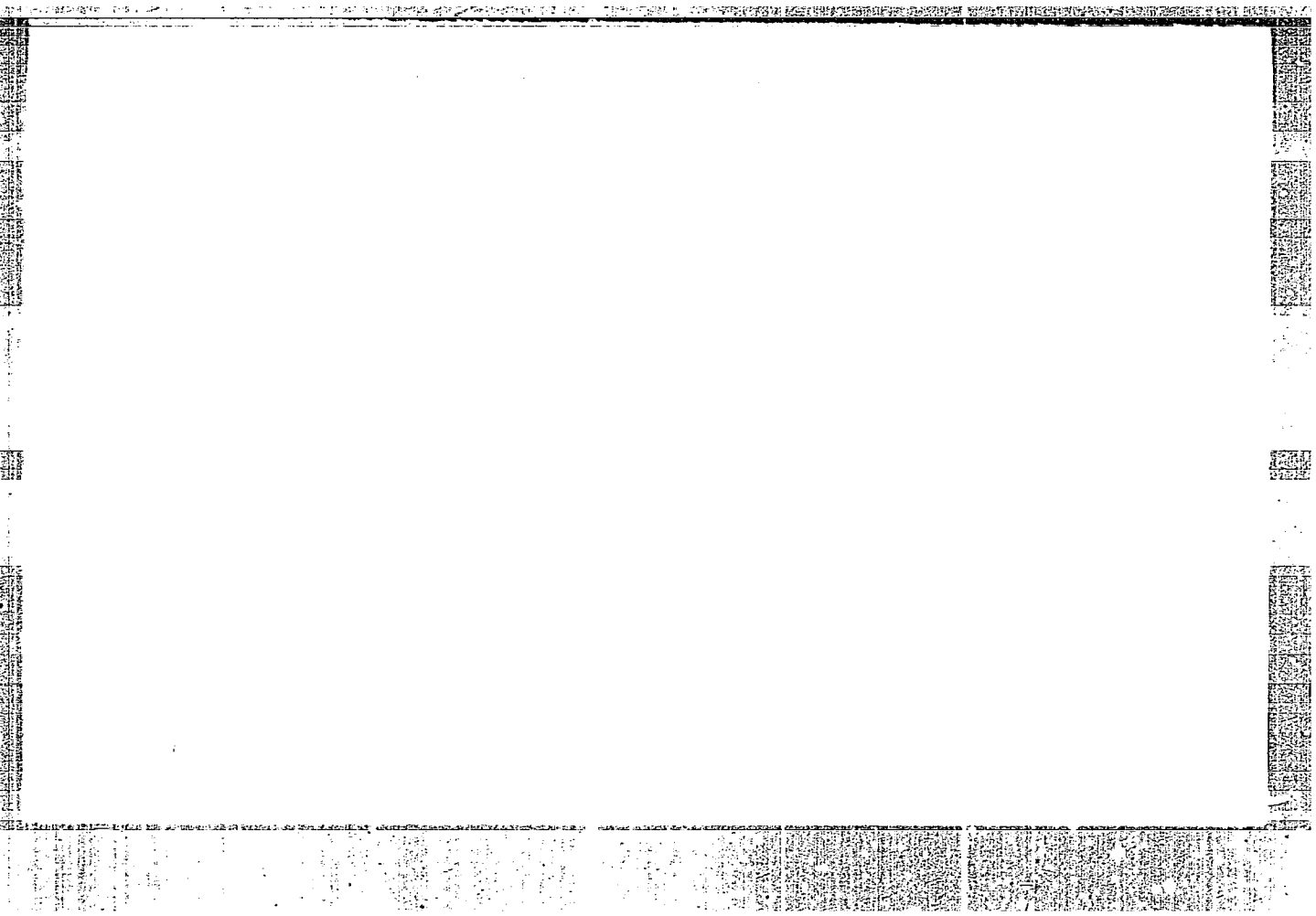
Brief news. Sov. med. 28 no.5:151-153 My '65. (MIRA 18:5)

1. Klinika lechebnogo pitaniya Instituta pitaniya AMN SSSR, Moskva (for Yekisenina, Myagkova, Gindina). 2. Kafedra infektsionnykh bolezney 1-go Leningradskogo meditsinskogo instituta imeni akademika Pavlova (for Satarova). 3. Kafedra laboratornoy klinicheskoy diagnostiki TSentral'nogo instituta usovershenstvovaniya vrachey i I klinicheskaya bol'nitsa, Ulan-Bator (for TSerennadmid). 4. Saratovskiy nauchno-issledovatel'skiy institut travmatologii i ortopedii (for Svetovidova). 5. Khirurgicheskoye otdeleniye mediko-sanitarnoy chasti zavoda "Krasnyy Oktyabr'", Volgograd (for Beloslyud). 7. Iz Ukrainskogo nauchno-issledovatel'skogo instituta kommunal'noy gigiyeny (for Sverchkov).

YEKIMENINA, N.I., kand. med. nauk

Immunobiological reactions to the streptococcus in chronic colitis and enterocolitis. Sov. med. 28 no.10:52-56 O '65. (MIRA 18:11)

1. Klinika lechebnogo pitaniya (dir.- prof. I.S. Savchenko) Instituta pitaniya AMN SSSR, Moskva.



APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001962520009-7"

YEKOMOV, A.A.

Beginnings of mineral lubricant production in Russia. Izv. vys. ucheb. zav.; neft' i gaz 3 no.8:131-135 '60. (MIRA 14:4)
(Lubrication and lubricants)

POLONSKIY, M.S.; ZHURAVIN, M.A.; LADYZHENSKIY, Yu.B.; PINSKER, B.I.; ZUBOV, V.O.; SHESTERIKOV, A.A.; YAKUN', F.V.; KRYNITSA, M.N.; AREF'YEV, B.A.; YEVZIKOV, L.I., starshiy stroitel' sudov; PAVLENKO, I.F.; YEKOVLEV, B.M., inzh.; MARKOV, A.P., inzh.

Readers' response to the article by engineer M.A. Daikhes entitled "Method of mounting the main engines with minor deformations of the foundation frame and the crankshaft". Sudostroenie 30 no.10:57-66 O '64.

(MIRA 17:12)

1. Gruppovoy inzh.-mekhanik SSKh parokhodstva "Kaspar" (for Zubov). 2. Inzh.-inspektor Registra SSSR (for Yakun'). 3. Glavnyy inzh.-inspektor inspektsii Registra SSSR Baltiyskogo basseyna (for Aref'yev). 4. Starshiy mekhanik teplokhoda "Tadzhikistan" (for Pavlenko).

YAKOVLEV, S.A.; VOLKOVA, G.A.

Use of the thermoluminescence method in measuring the radiation intensity of xenon resonance tubes. Zhur.prikl. spekt. 2 no.4:363-364 Ap '65. (MIRA 18:8)

YEREMENOK, P.L., kand.tekhn.nauk; YEKSAREV, A.D., arkhitekt; KOMYSHEV, A.V., inzh.; ANTONOV, P.V., inzh.; KHUTORYANSKIY, D.L., inzh.; SOLONINKO, I.S., kand.geol.-minerl.nauk; KOZAKOV, A.I., inzh., red.; MOISEYEVA, N.V., otvetstvennyy za vypusk

[Specifications for making, designing, and using sawed limestone wall blocks] Tekhnicheskie ukazaniia na proizvodstvo, proektirovanie i primenenie v stroitel'stve krupnykh stenovykh blokov iz pil'nykh izvestniakov. Kiev, Biuro tekhn.pomoshchi NIIDK ASiA USSR, 1958. 82 p. (MIRA 12:2)

1. Ukraine. Ministerstvo stroitel'stva. Tekhnicheskoye upravleniye. 2. Odesskiy inzhenerno-stroitel'nyy institut (for Antonov). 3. Institut stroymaterialov Akademii stroitel'stva i arkhitektury USSR (for Soloninko).

(Building blocks) (Limestone)

YEKSAREV, A. D., Cand of Tech Sci -- (diss) "Investigation of the Durability and Resistance to Deformity of Large Blocks of Complex Construction (Concrete Blocks) and Their Laying," Odessa, 1959, 24 pp (Odessa Engineer-Construction Institute) (KL, 2-60, 113)

20-1-51/58

AUTHOR: Yeksayeva, V. A.

TITLE: On the Histological Structure of the Esophagus in Some Poikilothermal Animals (O gistologicheskom stroyenii pishchevoda nekotorykh kholodnokrovnykh).

PERIODICAL: Doklady AN SSSR, 1958, Vol. 118, Nr 1, pp. 181-184 (USSR)

ABSTRACT: As the published data on the structure of epithelium and glands of the esophagus with regard to ecological histology are very insufficient (reference 6) the esophagi of the Siberian frog (Rana chensinensis), of Lacerta agilis and of Testudo horsfieldi were investigated. After a throrough description of the macro- and microscopic structure of the esophagus of these 3 species of animals the author comes to the following comparative results: as the frog and the lizard mainly eat animal food, they also have much in common in the structure of their esophagi. The epithelial covering of the esophagus is about equal. There are 3 types of cells: cuplike cells, ciliated and intercalary cells. This covering in both types mainly serves as the place of a pre-treatment of the food with hydrochloric acid. The main part of chemical influence, however, apparently only takes place in the stomach.

Card 1/3

On the Histological Structure of the Esophagus in Some Poikilothermal Animals

20-1-51/58

The esophagus of Testudo horsfieldi which lives on ephemeral vegetation has quite a different structure. This vegetation is for the most part of the year dry and little nutritive. Under this influence the epithelium of the esophagus was rebuilt to a multi-layered one and equipped with a great number of mucilaginous cells and glands. As the animal has no masticating apparatus, an additional mechanical pre-treatment of the coarse food before the stomach became necessary. This is evidently done by the powerful musculature of the esophagus. In the frog the ciliated epithelium is one-layered and in multiple row. In the turtle it is of a multi-layered, ectodermal type. Thus a qualitative change of the tissue exists here. This phenomenon, when it is connected with a modified function, was called histomorphosis (references 7,8). This type of evolution of the epithelium of esophagus only took place in a part of the class of reptiles.
There are 4 figures, and 8 references, 7 of which are Slavic.

Card 2/3

On the Histological Structure of the Esophagus in Some Poikilothermal Animals 20-1-51/58

ASSOCIATION: Krasnoyarsk State Medical Institute (Krasnoyarskiy gosudarstvennyy meditsinskiy institut)

PRESENTED: July 31, 1957, by I. I. Shmal'gauzen, Member of the Academy

SUBMITTED: July 30, 1957

AVAILABLE: Library of Congress

Card 3/3

YEKSAYEVA, V.A.; KOLOSS, Ye.I.

Histological observations on the epithelial lining of the esophagus in vertebrates. Izv. AN SSSR. Ser. biol. no.3:388-395 My-Je '64. (MIRA 17:5)

1. Institute of Biochemistry, Academy of Sciences of the U.S.S.R., Moscow.

5(4)

AUTHORS: Sheludko, A., Yekserova, D.

SOV/20-127-1-40/65

TITLE: On the Electrostatic Repulsion Between Diffuse Electric Layers in Bilateral Liquid Films (Ob elektrostaticheskom ottalkivanii mezhdu diffuznymi elektricheskimi sloyami v dvustoronnikh zhidkikh plenkakh)

PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 127, Nr 1, pp 149-151 (USSR)

ABSTRACT: The investigations by O. Bartsch (Ref 1) showed the influence of electrolytes on the life span of foams and permitted the assumption of a repulsion taking place between the diffuse electric layers of the surface in bilateral water films. B. V. Deryagin and A. S. Titiyevskaya were the first to measure the repulsion of these layers directly (Ref 2), and computed the potential as amounting to 50 - 80 mv. The electrolyte content, however, was not safely ascertained. An additional investigation was therefore required, mainly because other additional expansion pressures were to be reckoned with in thin films, to be added to the electrostatic pressure. The following relation was derived by B. V. Deryagin and L. D. Landau (Ref 3) concerning the electrostatic expansion pressure:

On the Electrostatic Repulsion Between Diffuse Electric Layers in Bilateral Liquid Films

SOV/20-127-1-40/65

$\Pi_{electr} = 2\pi nkT(ch\frac{e}{kT}\varphi_\alpha - 1)$ for a 1 - 1 - valent dissociated electrolyte with the concentration n molecules in 1 cm^3. k = Boltzmann constant, T = temperature, e = ion charge, φ_α = the potential in the center of the film. On the assumption that the electric field of the one film surface is not deformed by the field of the opposite surface, and the surface potential φ_0 as well as the dielectric constant ε do not depend on the film thickness, it holds for the film thickness:

$h = 2\sqrt{\frac{\varepsilon kT}{8\pi ne^2}} \ln\frac{\gamma\varphi_0}{\gamma\varphi_\alpha}$. Figure 1 shows the dependence of the thickness h on lgC (C = concentration of the electrolyte in mol/l). The investigation was carried out with an apparatus described in reference 5. h was measured with respect to solutions of KCl, $BaCl_2$ and $La(NO_3)_3$ in concentrations of the

Card 2/4

magnitude of 10^{-4} mol/l. Owing to the saponin used as stabilizer, the computed conductivity had to be corrected. For KCl solutions the corrections are given in table 1. π_{electr} was kept at a constant 730 during measurement. For two binary electrolytes with the valencies Z_1 and Z_2 it holds:

$\frac{h_1}{h_2} = \frac{Z_2}{Z_1}$. The measured film thicknesses correspond to this condition. It follows for films of a thickness exceeding 0.05μ that no additional measurable expansion pressure components occur, despite the fact that a negative expansion pressure was to be reckoned with in consideration of the London interaction between the water molecules in the case of 0.1μ films. This negative expansion pressure was found as well in KCl concentrations of 0.1 mol/l, although to a lower degree than would correspond to theory. In the low electrolyte concentrations investigated, the van der Waals expansion pressure is

On the Electrostatic Repulsion Between Diffuse Electric Layers in Bilateral Liquid Films

SOV/20-127-1-40/65

supposed to have been below the measuring limit, while it becomes apparent with higher electrolyte concentrations. This aspect is now being investigated. There are 1 figure, 1 table, and 7 references, 5 of which are Soviet.

ASSOCIATION: Institut fizicheskoy khimii Bolgarskoy Akademii nauk (Institute of Physical Chemistry of the Bulgarian Academy of Sciences)

PRESENTED: March 7, 1959, by A. N. Frumkin, Academician

SUBMITTED: February 27, 1959

Card 4/4

SHELUDKO, A.; YEKSEROVA, D.; PLATIKANOV, D.

Kinetics of the thinning and rupture of thin films of liquid.
Koll.zhur. 25 no.5:606-612 S-O '63. (MIRA 16:10)

1. Institut fizicheskoy khimii Bolgarskoy Akademii nauk i Kafedra fizicheskoy khimii Sofiyskogo universiteta.

YEKSHIBAROV, S. V., Cand Geol-Min Sci -- "Tectonics and certain problems of the ~~oil~~ petroleum- and gas-~~carrying~~ bearing capacity of the southwestern terminus of the Gissaric Meganticlinal and in the eastern part of the Kashka-Dar'ya Depression. Tashkent, 1961. (Inst of Geol and ~~Development~~ Prospecting of Oil and Gas Deposits of Acad Sci UzSSR. Tashkent State U im V. I. Lenin) (KL, 8-61, 233)

YEKSHIBAROV, S.V.; RYZHKOV, O.A., doktor geol.-mat. nauk, otv. red.; TERNOVSKAYA, R.M., red.; KARABAYEVA, Kh.U., tekhn. red.

[Tectonics and some problems of oil and gas potentials of Mesozoic sediments in the southwestern and of the Gissar meganticline and the eastern part of the Kashka-Darya trought] Tektonika i nekotorye voprosy neftegazonosnosti mezozoiskikh otlozhenii iugo-zapadnogo okonchaniia Gissarskoi megantiklinali i vostochnoi chasti Kashkadar'inskoi vpadiny. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR, 1962. 125 p. (MIRA 15:11)

(Surkhandarya Province--Petroleum geology)
(Surkhandarya Province--Gas, Natural--Geology)
(Surkhandarya Province--Geology, Structural)

RYZHKOV, O. A.; DAVLYATOV, Sh. D.; YEKSHIBAROV, S. V.; ZUYEV, Yu. N.

"Tectonic features of oil and gas territories in Uzbekistan."

report submitted for 22nd Sess, Intl Geological Cong, NewDelhi, 14-22 Dec 1964.

YEKSHIBAROV, S.V.

History of the development of southern Central Asia in the Oligocene and Quaternary. Nauch. trudy TashGU no.256 Geol. nauki no.22:19-20 '64 (MIRA 18:2)

STAROBINETS, I.S.; YEFKSHIBAROV, S.V.

Oil and gas potentials of Mesozoic sediments in the Kashka-Darya Valley. Neftegaz. geol. i geofiz. no.4 22-26 '65. (MIRA 18:7)

1. Institut geologii i razrabotki neftyanykh i gazovykh mestorozhdeniy AN UzSSR.

ACC NR: AP7001727 SOURCE CODE: UR/0048/66/030/012/2031/2036

AUTHOR: Slabospitskiy,R.P.; Karnaukhov,I.M.; Yokhichov,O.I.; Taranov,A.Ya.

ORG: Paysicotechnical Institute, Academy of Scioncos of the UkrSSR (Fiziko-tekhnicheskiy institut Akademii nauk UkrSSR)

TITLE: A source of polarized ions /Report, Sixteenth annual Conference on Nuclear Spectroscopy and Nuclear Structure held at Moscow, 16 Jan. - 3 Feb. 1966/

SOURCE: AN SSSR. Izvestiya. Seriya fizicheskaya, v. 30, no. 12, 1966, 2031-2036

TOPIC TAGS: ion source, hydrogen ion, deuterium, ion beam, proton polarization, deuteron polarization;polarized ion beam

ABSTRACT: The authors describe a source of polarized ions capable of producing a 0.3 μA beam of polarized deuterons with a polarization tensor component P_{33} of - 0.274. The source can also be employed to produce a beam of polarized protons. In this source the electron spin components in a beam of deuterium atoms are separated in an inhomogeneous magnetic field and the resulting beam of atoms with aligned electron spins is ionized by electron impact. Owing to the coupling between the electron and nuclear spins in the atom, there results a partially polarized beam of deuterons. In the described device deuterium molecules were admitted through a palladium filter to a Pyrex vessel coated on the inside with $(CH_3)_2SiCl_2$ where they were dissociated by the 150 MHz field produced by a 1.5 kW oscillator. The deuterium atoms issued from the dissociation vessel through a microcollimator of glass capillaries and traversed

Card 1/2

ACC NR: AP7001727

the field of a magnetic quadrupole which focused the component of the beam having the electron spins parallel to the direction of motion and defocused the component having antiparallel electron spins. The polarized atomic beam then traversed the ionizer where the atoms were ionized by impact of electrons moving in the same direction as the atomic beam. The polarized deuteron beam was subsequently accelerated to the desired energy. The ionizer was shielded from fringe fields by a soft steel jacket, and a uniform axial magnetic field was produced within it by a pair of Helmholtz coils. The thermionic cathode and the electron accelerator, focusing, and collector electrodes of the ionizer had central openings for passage of the atomic beam. For a more detailed description of an improved version of this ionizer see abstract AP 7001307. The polarization of the deuteron beam was determined by measuring the angular distribution of neutrons from the $T(d,n)He^4$ reaction at the 107 keV $3/2^+$ resonance. The authors thank A.P.Klyucharev for assistance and support, and B.P.Ad"yasevich for providing the microcollimators. Orig. art. has: 6 formulas and 7 figures.

SUB CODE: 20 SUBM DATE: None ORIG.REF: 007 OTH REF: 004

Card 2/2

YEKTOV, I. M.

Yektov, I. M., Gurov, S. A. and Troskurov, Ya. L. "How to roll bulb-bar shapes," Trudy Stalinskogo obl. otd-niya VNITOM, No 1, 1949, p. 68-73

SO: U-5241, 17 December 1953, (Letopis 'Zhurnal 'nykh Statey, No. 26, 1949)

YEKTOV, I.M.

Make use of the latent resources of metal production at the Stalin Metallurgical Works. Stal' 15 no.2:99-102 F '55. (MLRA 8:5)

1. Direktor Stalinskogo metallurgicheskogo zavoda.
(Stalino--Metallurgical plants)

YEKTOV, I.M., inzhener; MINAYEV, A.F., inzhener; VOLOBUYEV, V.I., kandidat ekonomicheskikh nauk; FILIPPOV, I.N., inzhener.

Modernization of the "250" light-section rolling mill. Stal' 15 no.2: 143-146 F '55. (MLRA 8:5)

1. Stalinskiy metallurgicheskiy zavod i Ukrainskiy institut metallov. (Rolling mill machinery)

DMITRIYEV, Anatoliy Vasil'yevich; YEKTOV, I.M., inzhener, retsenzent; SOROKA, M.S., redaktor izdatel'stva; LUKHOTA, M.A., tekhnicheskiy redaktor

[Safety manual for founders, smelters and steel workers] Pamiatka po tekhnike bezopasnosti dlia zaval'shchikov, plavil'shchikov i stalevarov. Kiev, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 63 p. (MLRA 10:3)
(Founding--Safety measures)

S/133/60/000/012/008/015
A054/A027

AUTHORS: Yektov, I.M., Zaruyev, V.M., Gurov, S.A., and Revenko, I,F.

TITLE: Rolling Double-Bulb Bars to Be Cut Longitudinally in the Rolls of the Finishing Stand

PERIODICAL: Stal', 1960, No. 12, pp. 1113-1115

TEXT: In order to simplify the rolling of intricate double bulb sections in the Stalinsk Plant 8 tons of this type of sections were rolled in 1954 in double shape and then cut lengthwise in two normal sections in cold condition. On the adjusting machine of the stand (type 400) cutting was done manually which decreased the output considerably. At the suggestion of the authors and of Yu.R. Kalmanovich, F.N. Grigor'yev, A.M. Koshelenko, Yu.P. Litvinenko, V.D. Dmitriyev, V.V. Polyakov, Ye.S. Petushkov, P.V. Firsov, etc. tests were therefore carried out in 1958 to roll double sections (No. 6) followed by cutting the product while hot immediately on the finishing stand. The 400 type mill consists of 4 working stands arranged in two lines, the first line comprising only one (roughing) stand (550 x 1,690 mm), the second line containing 3 roller stands (with rollers 400 x 1,100 mm in size and with a roller speed of 120-210 rpm). For cutting on the finishing stand a disc type cutter was used, for

Card 1/6

S/133/60/000/012/008/015
A054/A027

Rolling Double-Bulb Bars to Be Cut Longitudinally in the Rolls of the Finishing Stand

roughing a caliber was selected from several types tested, which produced in the middle part of the shank grooves of 4 x 1 mm so that the subsequent cutting process would be simplified. The thickness of the section on the place of cutting was reduced from 5 to 3 mm (as proposed by S.A. Gurov). To prevent torsion of the section around the head during cutting, the expansion coefficients of the head were kept greater than those of the shanks. A special discharge box, provided with two horizontal and two vertical rollers, based on the designs of V.V. Polyakov and Ye.S. Petushkov (Fig. 2) was constructed. The laboratory tests were carried out with Ст.3 (St.3) type carbon steel and low-alloy steels and after 13 tests the method was already applied on an industrial scale. After several trials the calibers were adjusted and semi-products, 130 x 130 x 1,500 mm in size and weighing 190 kg were rolled in 14 passes. After 7 passes on the roughing stand, the bloom, 105 x 55 mm, was passed on to the finishing units where it was passed 5 times on the second and twice on the third finishing stand. The temperature before rolling was 1,200°C and dropped to 930-950°C at the end of rolling. The sections produced by cutting were satisfactory in every respect; they were straight, displayed no torsion and bending.

Card 2/6

S/133/60/000/012/008/015
A054/A027

Rolling Double-Bulb Bars to Be Cut Longitudinally in the Rolls of the Finishing Stand

The rolls can easily be adjusted to this process and the standstills which are inevitable when rolling asymmetric sections, are shortened. The fins produced during cutting depend on the preparation of the section for cutting and on the width of the gap between the cutting edges. If the gap is reduced to 0.2 mm, the height of fins can be decreased from 0.5-0.7 to 0.3-0.5 mm. The wear of the rolls and of the cutting edges does not exceed the usual wear observed in rolling symmetrical sections. By rolling doubled sections, power consumption will be lower as a result of the decrease in the general expansion coefficient. This also reduces expenses. The method of rolling double sections with subsequent cutting can also be applied in rolling shelps and strips, especially if hot cutting is further improved, and fins and standstills can be completely eliminated. There are 4 figures and 1 table.

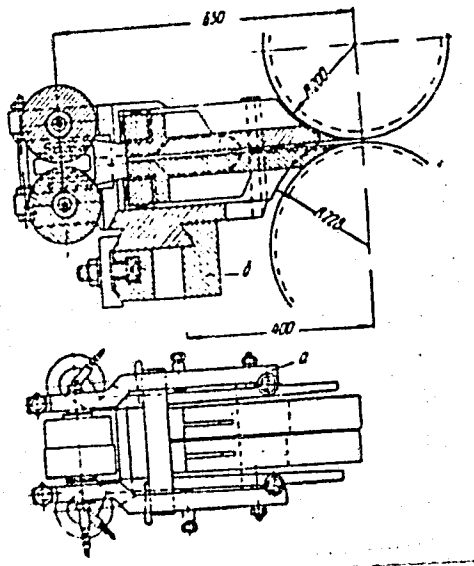
ASSOCIATION: Stalinskiy metallurgicheskiy zavod (Stalinsk Metallurgical Plant)
Donetskiy politekhnicheskiy institut (Donets Polytechnical Institute)

Card 3/6

S/133/60/000/012/008/015
A054/A027

Rolling Double-Bulb Bars to Be Cut Longitudinally in the Rolls of the Finishing Stand

Fig. 2 Discharge device, a- box; b- rod

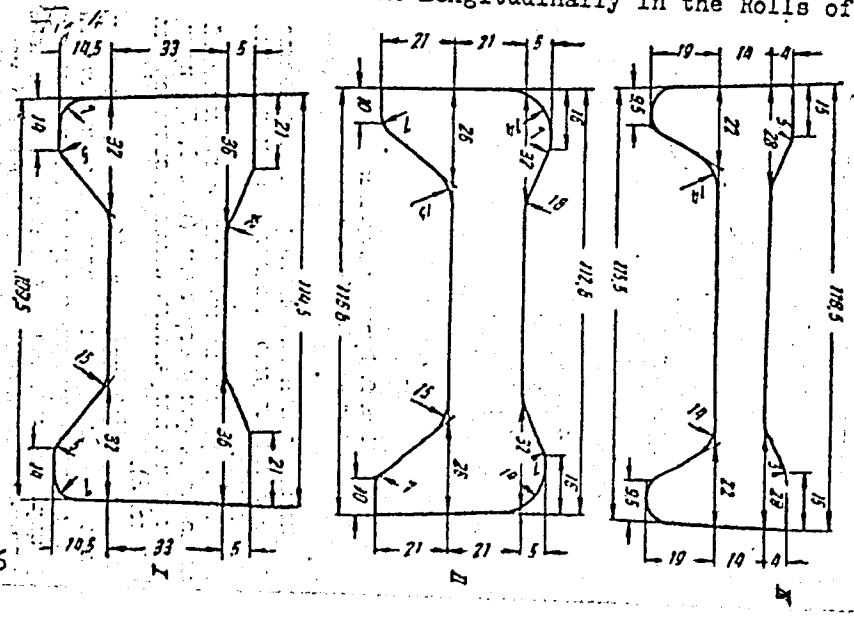


Card 4/6

S/133/60/000/012/008/015
A054/A027

Rolling Double-Bulb Bars to Be Cut Longitudinally in the Rolls of the Finishing Stand

Fig. 4



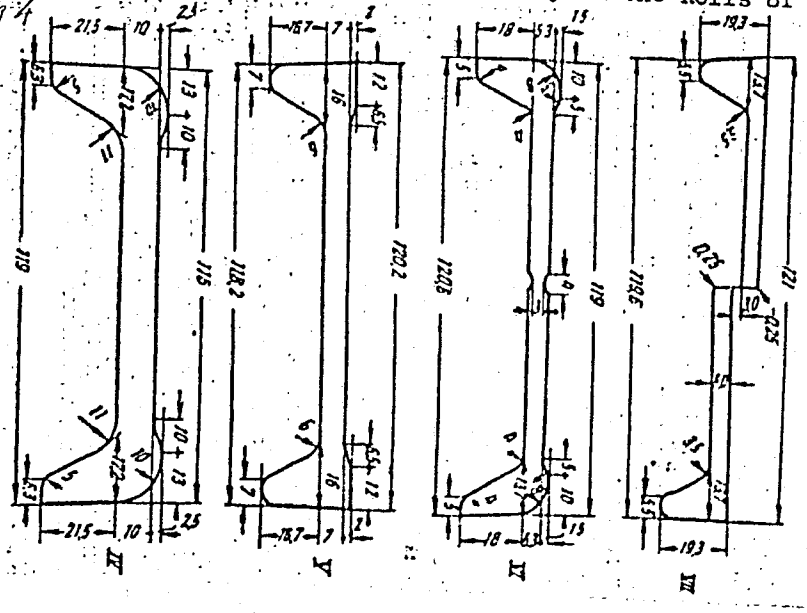
The final roll design of the finishing train (calibers I-VII) in the rolling of double sections

Card 5/6

S/133/60/000/012/008/015
A054/A027

Rolling Double-Bulb Bars to Be Cut Longitudinally in the Rolls of the Finishing Stand

Fig 4



Card 6/6

YEKTOV, I.M.

Ninetieth anniversary of the Donetsk Metallurgical Plant.
Stal' 22 no.9:769-772 S '62. (MIRA 15:11)

1. Direktor Donetskogo metallurgicheskogo zavoda.
(Donetsk--Iron and steel plants)

AUTOMATIC CONTROL AND PROTECTION

"Certain Problems in the Automatization of Thermal Processes in Electric Stations" by Candidate of Technical Sciences G. B Yekusha. Elektricheskiye Stantsii, No. 6, June 1957, Pages 2 -- 5.

A rather controversial article, deploring some of the present practices in the control of electric stations in the U.S.S.R. and recommending further automatization.

Card 1/1

YEKZHANOV, Ye.P.; ROZOV, V.M.

Effect of parasitic frequency modulation of the exciter on the operation of a single-band channel. Elektrosviaz' 15 no.10:26-30 O '61. (MIRA 14:10)

(Radio)

MASTENITSA, M.A.; KOROLENKO, G.A.; YELABUGINA, L.V.; GUMENNAYA, G.R.
IZRAILEVA, G.I.; KORZEVA, V.S.

Epidemiological and virological characteristics of the 1959 influenza outbreak in Prokop'yevsk. Trudy Tom NIIVS 12: 106-110 '60 (MIRA 16:11)

1. Tomskiy nauchno-issledovatel'skiy institut vaktsin i syvorotok, Kemerovskaya oblastnaya sanitarno-epidemiologicheskaya stantsiya i Prokop8yevskaya gorodskaya sanitarno-epidemiologicheskaya stantsiya.

*

YELAGIN, A.N.

Vetchling in Tambov Province. Sbor. trud. asp. i mol. nauch. sotr. VIR no.5:25-28 '64. (MIRA 18:3)

YELAGIN, A.V.; PETROV, P.I.; VEDYUKOV, Ye.A.

Experience with acidproof coatings applied on gauze in cation-exchanging filters, pipes, and fittings. Energ.biul. no.1:29-30 Ja '57. (MLRA 10:1)

(Protective coatings)

YELAGIN, B., kand. tekhn. nauk

Economic effectiveness of natural lighting in residential buildings. Zhil. stroi. no.10:18-22 '65. (MIRA 18:11)

YELAGIN, B.T., inzh.

Air temperature in rolling mills. Prom. stroi. 38 no.8:33-35 '60.
(MIRA 13:8)
(Rolling mills—Heating and ventilation)

McGILL, T.T., insh.

Natural lighting in rolling mills. Prom. stroi. [illegible] no. 2:45-49 '61. (MIRA 14:2)

(Rolling mills—Lighting)

YELAGIN, B.T., inzh.

Choosing lighting systems for rolling mills. Prom. stroi. 39 no.7:29-32 '61. (MIRA 14:7)
(Rolling mills—Lighting)

PREDTECHENSKIY, V.M., kand.tekhn.nauk; YELAGIN, B.T., inzh.

Improving natural lighting in rolling mills. Prom. stroi. 40 no.3:19-23 '62. (MIRA 15:3)

(Rolling mills—Lighting)

YELAGIN, G., inzhener-polkovnik; MINKIN, A., inzhener-mayor.

Some advice on readying machinery for spring and summer operation. Voen.-inzh. zhur. 102 no.3:35-37 Mr '58. (MIRA 11:4)
(Military engineering)

YELAGIN, G.Ya.; KAVNATSKAYA, B.S.

Production of sodium fluoride at the Odessa Superphosphate Plant. Khim. prom. no.3:166-167 Ap-My '56. (MLRA 9:10)

(Sodium fluoride)

YELAGIN, I.

1. I. ELAGIN
2. USSR (600)
4. Automobile Industry
7. Utilization of metal waste in the forge shop. Za ekon mat. no. 1. 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

YELAGIN, I. A.

USSR/General Biology - Meteorobiology. Bioclimatology. Phenology B-7

Abs Jour : Ref Zhur - Biol., No 2, 1958, 4928

Author : Yelagin I.A.

Inst : Institute of Forestry, Academy of Sciences USSR

Title : Phenological Observations in the Tellermanovskiy Forestry Experimental Station

Orig Pub : Tr. In-ta lesa, AN SSSR, 1957, 33, 59-96

Abstract : No abstract

Card : 1/1

USCOMM-DC-55,041

YELAGINA, A.A., nauchnyy sotrudnik; KRYLATYKH, E.N., nauchnyy sotrudnik

The cost of swine production and ways of lowering costs on collective farms in the White Russian S.S.R. Zhivotnovodstvo 21 no.3:18-20 Mr '59. (MIRA 12:4)

1. Opornyy punkt Vsesoyuznogo nauchno-issledovatel'skogo instituta ekonomiki sel'skogo khozyaystva pri kolkhoze "Rassvet," Kirovskogo rayona, Mogilevskoy oblasti.
(Kirovsk District--Swine)

YELAGINA, A. V.

36280

Yakhromskoy poyme. (S.-KH osvoyeniye osushennykh zemel'). Vokrug sveta, 1949, No. 11, S. 54-57

SO: Letopis' Zhurnal'nykh Statey, No. 49, 1949

YELAGINA, K. Ts.

"1,5-Diphenyl-3-Methylpyrazole and Some of Its Derivatives." Sub 16 May 51, Moscow Order of Lenin Chemicotechnological Inst imeni D. I. Mendeleyev.

Dissertations presented for science and engineering degrees in Moscow during 1951.

SO: Sum. No. 480, 9 May 55